

Date: Tue, 3 May 94 17:50:49 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V94 #484
To: Info-Hams

Info-Hams Digest Tue, 3 May 94 Volume 94 : Issue 484

Today's Topics:

 ?CARF Christian Amateur Radio Fellowship? Looking for info on them
 FD Logging Software. (2 msgs)
 Heil 4 or 5 element??
 High Altitude Balloon Flight Synopsis
 IC-47a Mods for 9600b???
 Linked repeaters from L.A. to Oregon??
 PacketCluster Commands
 still looking for project ideas
 Where is E050JS ?

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Tue, 3 May 1994 07:51:23 -0400
From: ihnp4.ucsd.edu!swrinde!cs.utexas.edu!convex!news.duke.edu!godot.cc.duq.edu!
nntp.club.cc.cmu.edu!news.sei.cmu.edu!bb3.andrew.cmu.edu!andrew.cmu.edu!
ee2g+@network.ucsd.edu
Subject: ?CARF Christian Amateur Radio Fellowship? Looking for info on them
To: info-hams@ucsd.edu

Hi all:

I was at Dayton Last weekend. I had circled CARF's booth as one I
HAD to visit, so of course I missed it (gee there were only 500 other
booths to jostle my way to). Is anyone on the net a member? Or do you
know their mailing address so I can get more Information about joining?
Do they have a regulary scheduled NET that I can listen in on (just a

code liberated tech... for now that is 8-)?

Thanks,

Chuck N3QAT

<><

ee2g+Charles@andrew.cmu.edu

p.s. Dayton was fun, but _OVERWELMING_. Just too much of everything all at once.

Date: Tue, 3 May 1994 12:19:02 GMT
From: ihnp4.ucsd.edu!pacbell.com!att-out!nntpa!not-for-mail@network.ucsd.edu
Subject: FD Logging Software.
To: info-hams@ucsd.edu

> This writer is a satisfied user (and registered owner) of CT. Our club uses
> at least three different versions of it for Field Day and most other
> contests. The version I have (8.14) provides three different CT.exe files
> depending on whether you have an 8086, 80286, or 80386 machine. That way
> you don't have to be stuck with a slow software package after you upgrade
> to a fast new PC.
>
> I just wish that the phone modem download/upgrade service was still
> available - after all, I specifically paid for that feature when I bought
> the program.

Karl, I tried to send e-mail but it bounced as undeliverable.

Did you try calling the CT bulletin board at 508-460-8877? You can still download the latest version from there. Apparently, 8.53 is going to be the last release of version 8.

73,
Bob K2PH

--

Bob Schreibmaier K2PH | UUCP: ...!att!mtdcr!bob
AT&T Bell Laboratories | Internet: bob@mtdcr.att.com
Middletown, N.J. 07748 | ICBM: 40o21'N, 74o8'W

Date: Tue, 03 May 1994 12:14:28 GMT
From: ihnp4.ucsd.edu!usc!math.ohio-state.edu!caen!malgudi.oar.net!witch!doghouse!

jsalemi@network.ucsd.edu
Subject: FD Logging Software.
To: info-hams@ucsd.edu

In article <CSLE87-020594164805@145.1.114.19>, Karl Beckman (CSLE87) writes:

>
>This writer is a satisfied user (and registered owner) of CT. Our club uses
>at least three different versions of it for Field Day and most other
>contests. The version I have (8.14) provides three different CT.exe files
>depending on whether you have an 8086, 80286, or 80386 machine. That way
>you don't have to be stuck with a slow software package after you upgrade
>to a fast new PC.
>
>I just wish that the phone modem download/upgrade service was still
>available - after all, I specifically paid for that feature when I bought
>the program.
>

Umm, the CT BBS is still "on the air;" the number is 508-460-8877. I
just got 8.53 (the latest version) off it two days ago.

73...joe

Joe Salemi, KR4CZ Internet: jsalemi@doghouse.win.net
Compuserve: 72631,23 FidoNet: 1:109/136
703-548-0928 MCI Mail: 433-3961

Date: Tue, 03 May 1994 12:17:06 GMT
From: ihnp4.ucsd.edu!sdd.hp.com!caen!malgudi.oar.net!witch!doghouse!
jsalemi@network.ucsd.edu
Subject: Heil 4 or 5 element??
To: info-hams@ucsd.edu

In article <2q4b7l\$hvp@brahms.udel.edu>, Robert Penneys (penneys@brahms.udel.edu)
writes:

>Do you prefer the Heil 4 or 5 element?
>
>My primary interest in using a mike at all is HF contesting. I would assume
>that the 4 would be the ticket, but I have heard the 5 recommended too.
>

For contesting (and running barefoot in general), I prefer the Heil 4 element. It just seems to give my signal a bit more punch, even without the compressor on.

I use mine with my Icom 737, which needs a pre-amp to get the Heil up to a decent signal level. Check to see if your rig needs one if you go with a Heil.

73...joe

Joe Salemi, KR4CZ Internet: jsalemi@doghouse.win.net
Compuserve: 72631,23 FidoNet: 1:109/136
703-548-0928 MCI Mail: 433-3961

Date: Tue, 3 May 1994 12:20:28 GMT
From: ihnp4.ucsd.edu!swrinde!cs.utexas.edu!math.ohio-state.edu!magnus.acs.ohio-state.edu!csn!cns!rickvg@network.ucsd.edu
Subject: High Altitude Balloon Flight Synopsis
To: info-hams@ucsd.edu

FLIGHT SYNOPSIS OF EOSS-16

Launch date: May 1, 1994
Launch time: 15:05 UTC
Launch site: Thunder Ridge Middle School
 Aurora, Colorado USA
Launch coordinates: 39 deg 37.383 minutes NORTH
 104 deg 44.127 minutes WEST

Touchdown time: 18:03 UTC +- 5 minutes
Touchdown site: 1.31 Miles South East of Woodrow, Colorado USA
Touchdown coordinates: 39 deg 58.223 minutes NORTH
 103 deg 35.012 minutes WEST

Touchdown bearing from launch: 68 degrees
Touchdown distance from launch: 65.8 Statute Miles

Maximum Altitude: 95,000 feet
Maximum Speed: 50.5 mph

Payload Systems:

- ATV - 426.250 MHz
- Beacon - 147.555 MHz
- Telemetry - 144.340 MHz
- GPS sonde - approximately 400 MHz (commercial system test)
- Ozone Detector downloaded on telemetry frequency
- Pressure Sensor used to determine altitude
- Temperature sensors (internal and external)
- LORAN-C position determining receiver

----- Flight Highlights -----

The flight of EOSS-16 was a great success from launch to pick-up by our great preparation, launch, tracking, and recovery teams.

The ozone experiment conducted by the students from Ranum High School performed perfectly throughout the flight. The students gathered some great data. Congratulations to EOSS member Andy Kellett N0SIS, our student liaison for this flight, for getting everything operational with many hours of hard work.

We are hoping that the students will present their findings at the next EOSS membership meeting (5/10/94). These meetings are held on the second Tuesday of each month at the Castlewood Library at the intersection of Uinta and Arapahoe (just west of I-25) in Castlewood, Colorado. They start at 7 P.M. local time.

The ground station operations were coordinated by Brian Thomas, N0VSA. All systems were operating on gasoline driven AC power generators for this flight. These generators were provided by Amateur Radio Emergency Services (ARES) district 22 in Colorado.

FAA Liaison for the flight as well as technical assistance was performed by Mike Manes, W5VSI.

The balloon preparation team headed by Merle McCaslin, K0YUK, ran into no significant problems.

The weather was perfect for the launch with very calm ground winds. Early morning weather reports from the Rawinsonde (RAOB) data obtained from the National Weather Service via WeatherBank Info Service were incomplete only listing winds to 45,000 feet. Using Paratrak (Bill Brown WB8ELK's balloon flight prediction software) with these incomplete readings we predicted a touchdown at 69.2 miles from launch site on a bearing of 68.8 degrees. If you check the actual data above you'll be amazed at the accuracy of this prediction. However, because of the incomplete data, interpolation

was used to estimate (incorrectly) the high altitude winds and we officially used a figure of 48.7 miles at an azimuth of 63.9 degrees to position our tracking and recovery teams. High altitude winds were stronger than anticipated.

The W60RE flight controller aboard the payload performed to near perfection throughout the flight compiling and transmitting both standard EOSS packet telemetry and an Automatic Position Reporting System (APRS) location packet. Loran-C lost lock on ascent at about 30,000 feet but we were able to regain lock at about 35,000 feet and maintained lock throughout the rest of the flight.

ATV got some great shots. We may have even captured the balloon bursting on video tape. All at the ground station were very impressed!

The APRS packet tracking program worked perfectly during the entire flight. An APRS station was running at the ground control station and provided a graphic map display of the location of the balloon during its flight over eastern Colorado. Larry Cerney and Rick von Glahn ran APRS as well as GPS in their vehicles during the recovery operations. It was of great assistance in the hunt. We should soon have an HST file (used by APRS) ready for the flight of EOSS-16.

The payload was recovered about 3 hours after launch. George Reidmuller and Paul Ternlund ran a tight ship. Under their skilled leadership were RDF stations:

- ALPHA - Paul Ternlund WB3JZV (computerized triangulation station)
- BRAVO - George Reidmuller N0NJM (net control), Marty Griffin WA0GEH
- CHARLIE - Dan Meyer N0PUF
- DELTA - Dave Galpin KB0LP
- ECHO - Bob Ragain WB4ETT, Dawn Ragain N0QCW, Colleen Ragain N0QGH
- FOXTROT - Greg Burnett K0ELM
- GOLF - Ian Zahn KB0HKY
- HOTEL - Rick von Glahn N0KKZ and Bob Sacco
- INDIA - Larry Cerney N0STZ

Jack Crabtree AA0P was also in the field relaying packet data and chasing the payload with GPS.

This was probably the best radio direction finding (RDF) experience in EOSS history. Using LORAN-C as a benchmark, bearings from the RDF stations were shown to be the most accurate ever for the group as a whole.

While the LORAN-C was helpful as usual, it was the RDF data that provided the best information to lead the recovery teams to the payload. Paul Ternlund and Bob Ragain were first to the site. Paul had a slight advantage as he arrived on the road closest to the payload and was rewarded

with the pleasant job of announcing the discovery of the package. The various payload, parachute and support lines were left in place for the inspection of the other members of the recovery team at their arrival.

The payload survived the flight and landing and was ready to fly again with only some minor repairs to the Loran-C antenna.

We would be interested in hearing from anyone who copied any of our transmissions. Send your QSLs to:

brian.thomas@filebank.com - internet
NOVSA@W0GVT.#NECO.CO.USA - packet

Edge of Space Sciences
376 W. Caley Circle
Englewood, Colorado 80120

Thanks to all who helped out with the flight from ground station set-up to the tracking and recovery effort. We are all looking forward to the next flight tentatively scheduled sometime in early June. It should be another great time for all.

74 -- Brian

brian.thomas@filebank.com - internet

-end of file-

EOSS Flight Status reports previously posted to rec.radio.amateur.space.

For more information on Edge of Space, finger rickvg@cscns.com or reply to this post.

forwarded by:

```
*****
* Rick von Glahn                               Edge of Space Sciences, Inc.    *
* rickvg@cscns.com - Internet (preferred)      Promoting Science and Education *
* 74620,637 - Compuserve                       through Amateur Radio and      *
* N0KKZ@W0GVT.#NECO.CO.USA - packet radio    High Altitude Balloons          *
*****
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Date: 3 May 94 21:17:45 GMT
From: news-mail-gateway@ucsd.edu
Subject: IC-47a Mods for 9600b???
To: info-hams@ucsd.edu

Hello all,

I am looking for a mod (that works) to operate a Icom IC-47a radio at 9k6. If anyone can help with this, I would appreciate your sending the info, either to the list, or to me directly

at: timh@tspan.org

Thanks

Best Regards All!

--

Tim R. Havens (WX2L)
TSPAN - Cumberland, Cnty.
Via US Mail -
324 Lebanon Rd., Millville, NJ 08332, USA

Internet: timh@tspan.org
AmprNet: wx2l@wx2l.ampr.org
UUCP: nuchat!wx2l!timh
Phone: (609) 451-7773

Date: 3 May 94 22:13:51 GMT
From: dog.ee.lbl.gov!ihnp4.ucsd.edu!usc!nic-nac.CSU.net!ctp.org!not-for-mail@uchvax.berkeley.edu
Subject: Linked repeaters from L.A. to Oregon??
To: info-hams@ucsd.edu

parker@netcom.com (Andrew Parker) writes:

> A friend of mine is moving to southern Oregon soon, and I am wondering if
> anyone knows of a linked repeater system (on any band) that would link from
> roughly Los Angeles to Ashland, Oregon. The only system that I know of is
> CONDOR, but I don't think it connects all the way up to Oregon. Thanks for
> your help.

You may have to go to HF for that. There may be some private repeater clubs that may have links along the west coast or clubs with a HF rig tied into the system...

--

Gary T. Lau
Internet: garlau@eis.calstate.edu
Amateur : N6MMM @ NOARY.#NOCAL.USA.NOAM

Date: 3 May 94 18:57:56 GMT

From: pa.dec.com!nntpd.lkg.dec.com!usenet@decwrl.dec.com
Subject: PacketCluster Commands
To: info-hams@ucsd.edu

Here is a list I put together a while ago (early 1992) - it should have most of the important commands:

PacketCluster (tm) V5.1
(c) 1986-1991, Pavillion Software

The available PacketCluster commands are:

ANNOUNCE	- make a general announcement to all connected stations
BYE	- bye, disconnect from the PacketCluster
CONFERENCE	- enter conference mode
DELETE	- delete mail message
DIRECTORY	- list active mail messages
DX	- DX spotting info announcement
EXECUTE	- execute your personal command procedure
FINDFILE	- locate file(s) on the system
HELP or ?	- help (displays this listing)
HELP command	- display help for that particular command
READ	- read mail message
REPLY	- reply to the last-read mail message
SEND	- send mail message
SET	- set user-specific parameters
SHOW	- display various PacketCluster information
SWITCH	- change to alias call
TALK	- talk to specified station
TYPE	- display a particular file on the PacketCluster
UPDATE	- update a custom database
UPLOAD	- upload a file to the PacketCluster
WWV	- log/announce WWV propagation information
WX	- announce weather conditions

Command: ANNOUNCE This command is used to send a text string out to all stations which are connected to the PacketCluster. If you wish to make announcement to only those users connected to a particular PacketCluster node, you can specify the call of the node on the command. The ANNOUNCE command defaults to the local node; a cluster-wide announcement requires using the /FULL qualifier on the command. You can also specify a distribution list as a qualifier. The ANNOUNCE command may be used while in Conference Mode or Talk Mode by prefacing it with an asterisk (*).

Syntax: Announce msg
Announce/call msg
Announce/Full msg

Announce/distro msg

Command: BYE Bye command informs the PacketCluster that you wish to disconnect. This is the recommended way of disconnecting, instead of using the D command to your TNC.

Syntax: Bye

Command: CONFERENCE This command places you into Conference Mode. You will see all input from any other station that is also in Conference Mode. Note that by default, you are put into the local conference on your PacketCluster node. A ctrl/Z or the text /EXIT will cause you to leave Conference Mode and return to the PacketCluster command level. When in the local conference, your call will have a plus sign (+) next to it in the SHOW/USERS display.

Syntax: CONFERENCE

*** Note ***

While in Conference Mode, you are able to do the following PacketCluster commands:

- ANNOUNCE - make a general announcement to all stations
- DX - DX spotting functions
- TALK msg - send a one-line message to another station
- SHOW/CONFIGURATION - display cluster configuration
- SHOW/DX - show DX log
- SHOW/USERS - show what stations are connected
- SHOW/WWV - show WWV propagation information
- WWV - announce WWV information

This is done by prefacing the command with an asterisk (*):

*DX, *T, *ANNOUNCE for example.

Command: CONFERENCE/FULL This command is identical to CONFERENCE except that the conference is global throughout the cluster. Users in global conference mode are designated with an asterisk (*) next to their call in the SHOW/USERS display.

Syntax: CONFERENCE/Full

Command: DELETE The DELETE command is used to delete mail messages on the PacketCluster. If no message number is specified, the last mail message read will be deleted; otherwise, the one specified by message number.

Syntax: DElete

DElete message-#,message-#,...

Command: DIRECTORY This command is used to display a list of the current mail messages on the PacketCluster node to which you are connected. A hyphen (-) next to a particular mail message number indicates that the message has been read

by the station to which it was addressed, a plus sign (+) indicates message set to noauto_delete, an asterisk (*) indicates both read and noauto_delete, and a "p" indicates a private message.

If you specify a call on the command, you will see messages only sent by or to that station.

Syntax: DIRectory/qualifier
DIRectory callsign

Command: DIRECTORY/ALL Display all active mail messages. By default, only the five most-recent messages, or all since your last use of the DIRECTORY command (whichever is greater) will be displayed.

Command: DIRECTORY/BULLETIN
 Display mail messages addressed to ALL.

Command: DIRECTORY/NEW Display all mail messages which have been sent since your last use of the DIRECTORY command.

Command: DIRECTORY/OWN Display mail messages which are addressed to you or were sent by you.

Command: DIRECTORY/nn Display the nn most-recent mail messages.

Command: DX The DX command allows you to announce DX spotting information to all other stations which are connected to the PacketCluster. Also see command SHOW/DX. While in Conference or Talk Mode, use *DX.

Syntax: DX frequency callsign misc-info
 where frequency is of the format 14025.10, for example.
 Misc-info should be kept brief as the system will add the date and time after it. Misc-info is optional.

Command: DX/call The DX command with the /call qualifier allows you to announce DX spotting information and to credit the DX spot to the station whose callsign you specify.

Syntax: DX[/call] frequency callsign misc-info
Example: DX/K1GQ 14001.1 3C0A

Command: EXECUTE This command is used to execute your private command procedure which has been uploaded with UPLOAD/USERCMD.

Syntax: EXECUTE

Command: FINDFILE This command is used to locate files on the PacketCluster. You may specify either a full file name or a partial name with wildcards (*). The system searches all defined file areas for the file.

Syntax: FIndfile filename or filename-mask
Example: FINDFILE ARRL.DAT
FINDFILE ARRL*.*

Command: READ This command is used to read a mail message which is shown in the DIRECTORY display. A READ without a message number will read the oldest unread mail message addressed to you. Any mail message may be read if the message number is specified on the READ command.

Syntax: Read
Read message-#
Read/nopage message-#

Command: REPLY This command is used to reply to the last mail message which was read. The subject of the resulting message will be the same as that of the previously-read message with an RE: preceding it. You may also specify a message number to reply to, so that reading it first is unnecessary.

Syntax: REPlY
REPlY msg-#

Command: REPLY/DELETE This variation of the REPLY command does the same function but also deletes the messages to which you are replying.

Syntax: REPlY/Delete

Command: SEND This command is used to send a mail message to another station. You will be prompted for the station being sent to, the subject, and the message. The mail message may be terminated with either a ctrl/Z or the text /EXIT. If you wish to cancel the mail message, send a ctrl/Y to the system. The /PRIVATE qualifier sends a private message; the /NOPRIVATE qualifier sends a public message. The /RR qualifier requests a return receipt, so that when the addressee reads the mail, a confirmation is returned to the sender.

Syntax: Send
Send/Private
Send/NOPrivate
Send/RR

Command: SET The SET command is used to set user-specific options on the PacketCluster.

Syntax: SEt/qualifier

Additional help available for the following SET qualifiers:

/ALIAS	/ANSI	/BEEP	/DX_ANNOUNCEMENTS
/FILTER	/HERE	/HOME_NODE	/LOCATION

/LOGIN_ANNOUNCEMENTS	/LOGOUT_ANNOUNCEMENTS	
/MAIL_ANNOUNCEMENTS	/NAME	/NEED
/NOALIAS	/NOANSI	/NOBEEP
/NOFILTER	/NOHERE	/NODX_ANNOUNCEMENTS
/NOMAIL_ANNOUNCEMENTS	/NONEED	/NOPRIVILEGE
/NOTALK	/NOWWV_ANNOUNCEMENTS	/PAGE
/PRIVILEGE	/QTH	/TALK
		/WWV_ANNOUNCEMENTS

Command: SHOW The SHOW command is used to display certain information on the PacketCluster.

Syntax: SHow/qualifier

Additional help available for the following SHOW qualifiers:

/ANNOUNCE	/ARCHIVE	/BULLADDR	/BULLETINS
/CLUSTER	/COMMANDS	/CONFIGURATION	/DISTRO
/DX	/EXCLUDE	/FILES	/FILTER
/FORWARD	/HEADING	/INACTIVITY	/LOCATION
/LOG	/LOGON_MESSAGES	/MUF	/NEED
/NOTICE	/PREFIX	/STATE	/STATION
/SUN	/TIME	/USERS	/VERSION
/WWV	/WX		

Command: SWITCH This command switches your connection between your normal call and an alias call that you have specified with a SET/ALIAS command.

Syntax: SWITCH

Command: TALK The TALK command is used to talk to various stations which are connected to the PacketCluster. There are two types of TALK: Talk Mode to another station, and a one-line Talk function.

Syntax: Talk call Talk to the specified station. This provides one-way talk capability to that station. If that station wants to communicate back, they must also do a T command. A ctrl/Z will only terminate your side of the talk.

Talk call msg This allows you to send a one-line message to the specified station. It does NOT put you into talk mode and hence, no ctrl/Z is needed to terminate it.

Note: This type of Talk is also available from within Conference mode by prefacing the T with an asterisk (*T).

*** Note ***

The following commands are available from within Talk Mode: DX, SHOW/DX, ANNOUNCE, TALK (one line talk to another station), SHOW/USERS, and SHOW/WWV by prefacing them with an asterisk (*).

Command: TALK/TIMESTAMP This command instructs PacketCluster to timestamp the one-line message you are sending to the specified station.

Syntax: Talk/Timestamp call message

Command: TYPE This command is used to display a file which has been uploaded to the PacketCluster. The files which are available may be shown by doing a SHOW/FILES, SHOW/BULLETIN, or SHOW/ARCHIVE. The qualifier must be the same as that on the SHOW command. If no qualifier is specified, it is assumed the file resides in the /BULLETIN area.

Syntax: TType/area filename
 Type/area/nn filename (displays on nn lines of file)
 Type/USERCMD (displays personal command file)

Command: UPDATE This command is used to update a database which has been setup by the sysop. You will be asked for a key value, followed by the text which should be associated with this key value. Databases which have been defined on your system may be displayed with the SHOW/COMMANDS command.

Syntax: UPDATE/database

Example: UPDATE/QSLNEW
 Enter key value:
 1A0KM
 Enter text. Terminate with ctrl/Z or /EXIT ...
 QSL 1A0KM via IOIJ
 /EXIT

Command: UPDATE/APPEND The APPEND qualifier instructs PacketCluster to add your new text to the current entry which exists in the database.

Syntax: UPDATE/database/APPEND

Command: UPLOAD This command is used to upload files to the PacketCluster. UPLOAD without a qualifier, or with the /FILES qualifier will upload the file to the files area and will be shown on subsequent SHOW/FILES commands. The /BULLETIN qualifier will upload the file to the bulletin area and will be shown on subsequent SHOW/BULLETIN commands. To upload a personal command procedure, use the /USERCMD qualifier.

Syntax: UPlod filename
 UPlod/Bulletin filename
 UPlod/Files filename
 UPlod/Usercmd

Command: WWV This command allows you to announce and log WWV propagation information. To display previously-logged information, use

SHOW/WWV. In Conference or Talk Mode, use *WWV.
Syntax: Wwv SF=xxx,A=xx,K=xx,forecast

Command: WX This command allows you to announce weather conditions to the local cluster users. If a cluster-wide announcement is desired, use WX/FULL.

Syntax: WX information
WX/FULL information

--

Jim Reisert AD1C Internet: reisert@mlo.dec.com
Digital Equipment Corp. UUCP: ...decwrl!mlo.dec.com!reisert
146 Main Street - ML05-2/M16 Voice: 508-493-5747
Maynard, MA 01754 FAX: 508-493-0700

Date: 3 May 94 23:39:56 GMT
From: dog.ee.lbl.gov!ihnp4.ucsd.edu!sdd.hp.com!saimiri.primate.wisc.edu!
news.doit.wisc.edu!kolstad@ucbvax.berkeley.edu
Subject: still looking for project ideas
To: info-hams@ucsd.edu

In article <1994May3.152521.1@exodus.valpo.edu> acc_mwb@exodus.valpo.edu (Mike Barton) writes:

>

>We'd like it to be in the are of electronics. Audio applications, signal
>processing, waveform modification, signal generation, filtering, etc. I don't
>know what else... so many different things, we hardly know where to start.

I'd be impressed if you got a 1Gb/s fiber optic link going. :-)

I take an opto-electronics course once that had a student made fiber optics demonstrator box that cranked out a whole 100 kbps!! Oooh, wow!

(Sorry... most of the labs here at the U of W have really crappy equipment... there's a reason they call this a "Research University.")

---Joel Kolstad

Date: 3 May 94 19:01:40 GMT
From: pa.dec.com!nntpd.lkg.dec.com!usenet@decwrl.dec.com
Subject: Where is E050JS ?
To: info-hams@ucsd.edu

E0 is now a prefix for the Ukraine. I don't know exact QTH or QSL info.

73 - Jim AD1C

--

Jim Reisert AD1C	Internet:	reisert@mlo.dec.com
Digital Equipment Corp.	UUCP:	...decwrl!mlo.dec.com!reisert
146 Main Street - ML05-2/M16	Voice:	508-493-5747
Maynard, MA 01754	FAX:	508-493-0700

End of Info-Hams Digest V94 #484
